

## REMARKS

Claims 1-46 are pending in the application. Claims 1-46 are rejected.

The independent claims have been amended herein to clarify applicant's claimed invention. The claim amendments are supported by descriptions in the specification, examples as follows: size (p. 77, lines 21-22); shape (p. 33, lines 4-6, p. 79, lines 3-4); generation (p. 44, line 20-22, p.53, lines 18-20, p. 121, lines 23-26); disappearance (p. 44, lines 23-25, p. 49, lines 23-25); limit times of access (p. 11, lines 15-16; p. 23, lines 26-27; p. 24, lines 3-5; p. 97, lines 10-11); object (p. 5, lines 18-23; p. 102, lines 6-8); using the index information (p. 67, lines 9-11; p. 91, lines 3-6; p. 127, lines 3-5); range (p. 71, lines 25-26) and overlapped (p. 77, lines 2-10).

No new matter is entered.

Claim 1-3, 23 and 32 are rejected under 35 USC §102(e) as being anticipated over Ihara et al. (6,336,073) (Ihara).

Claims 4-22, 24-31 and 33-46 are rejected under 35 USC §103(a) as being unpatentable over Ihara in view of Gale et al. (Gale).

It is respectfully submitted that Ihara fails to teach each and every feature of applicant's claim 1. Claim 1 includes a database holding a specific information document as bubble data. The bubble data being able to (1) change a size or a shape of itself, (2) operate a generation, a disappearance and limit times of access, and (3) detect a moving object.

In addition to above features, a retrieving unit retrieves (i) specific bubble data including coordinate information and display object attribute information (ii) on the basis of a mapping request including an address, a range desired to be displayed, an altitude, an angle of a viewpoint, by using the index information of the specific information document.

In contrast to applicant's claimed features, neither of Ihara or Gale mention a database holding a specific information document as bubble data the bubble data being able to change a size or a shape of itself, operate a generation, a disappearance and limit times of an access, and detect a moving object.

Furthermore, Ihara and Gale fail to disclose that the user terminal is able to display an information bubble which represents an image of spatial range information of the bubble data, overlapped on the map which represents the object in three-dimensional space.

In Gale, the application uses the keyword, or a copy thereof, to find data indicating the physical location associated with the keyword specified by the user. It's asserted in the Office Action that the invention of Gale may be utilized altitude as the optional third coordinate in Ihara's system.

However, Gale does not mention a bubble diameter of an object in a three-dimensional space is associated with address information for obtaining the service information.

Claims 4, 20, as amended, set forth other server system, respectively. Claim 4 describes the DTD information. It is respectfully submitted there is no description in Gale that a server retrieves a DTD information based on e.g. a south direction (position information), a 50-meters-range there from (retrieval distance range), and a restaurant (attribute information) in a mapping request from a user terminal (supported in page 114).

Claims 23-25 recite a user terminal which includes features similar to the server system of claims 1, 4 and 20.

Claim 30 recites a system using a server system which includes features similar to claim 4 and the user terminal of claim 24, respectively.

Claim 31 recites a system which includes features similar to the system claimed in claim 30. However in contrast to claim 30, claim 31 does not have the server system element, but includes a database holding bubble data.


Claims 43 and 44 include a method having similar distinguishing features of claims 30 and 31, respectively.

Dependent claims 2-3, 5-19, 21-22, 25-29, 34-42 and 45-46 should be allowed because they include the distinguishing features of the base claim and recite additional features in each of the dependent claims.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

  
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